



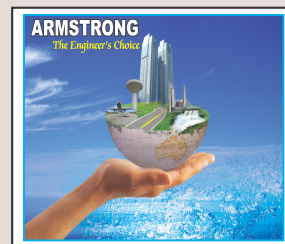
ARMSTRONG CHEMICALS PVT. LTD.,  
Bengaluru  
An ISO 9001 Certified Company



Two component Solventless **COAL TAR EPOXY** Protective Coating  
(Complies to ASTM : D522-93, ASTM : D7027-05, ASTM : B117 & ASTM : 870 - 09 and IS : 101

### DESCRIPTION OF THE PRODUCT :

RAIN CARE CTE 888 - Two component solventless coal tar epoxy protective coating, provides excellent protection to all types of exposed, buried or immersed concrete and steel surfaces against corrosion from aggressive environments. Its a solventless coal tar epoxy base material, inflammable. It develops excellent adhesion to the applied surface of concrete and metal. Best suits for tanks above ground or in totally submerged conditions.



**FEATURES :** CONSISTENCY : Low viscosity formulation helps for application by brush or spray.

ADHESION : Excellent adhesion to concrete, asbestos & metallic surfaces.

DURABILITY : Gives long lasting corrosion protection.

ABRASION : Resistance to abrasion makes it suitable for application over floors of tanks & concrete rafts before filling the soil.

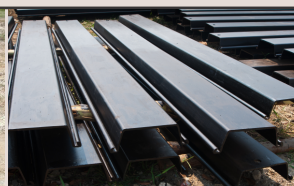
CHEMICAL RESISTANCE : Resistance to wide range of acids, alkali & salt solutions, effluents & sewage.

### ADVANTAGES :

- Good resistance to corrosion in marine exposure and subsoil conditions; docks / harbor installations.
- Excellent water Resistance
- Easily applicable by brush or trowel
- Seals localized cracks and surface porosity.
- Bonds strongly to most of the building materials.
- No primer is required.
- Cures to a tough elastic waterproof film
- Excellent resistance to ultra violet and chemical aggression.
- Storage tanks in fertilizer, petrochemical industry, refineries etc.
- Cooling towers
- Molasses tanks in sugar industry.
- Thermal Power plants, Water intake & outlet channels, Ash ponds, Coal handling units etc.
- Sewage & effluent treatment plants
- Excellent corrosion protection coating for steel / reinforcements.

### TECHNICAL PROPERTIES :

S.No.	PROPERTIES	RESULTS	S.No.	PROPERTIES	SPECIFICATIONS	RESULTS
1)	Nature	Two components liquid	10)	Viscosity @ 3 <sup>o</sup> 0	2 to 3	
2)	Color	Black	11)	Specific Gravity	1.24 to 1.26	
3)	Mixing	Part I (B)+Part-II (H) 1 Kg. = Part-I Base 750gms.+Part-II Hardener 250gms.	12)	Dry film thickness, microns for 2 coats	150 - 200	
4)	Pot life at 30°C	4 to 5 Hrs	13)	Flexibility, mandrel test	ASTM : D 522-93	No cracking of film & adhesion loss
5)	Initial hardness at 30°C	24 Hrs.				
6)	Tack free time at 30°C	3 to 4 Hrs.				
7)	Full cure at 30°C	7 Days	14)	Bonding/adhesion, N/mm <sup>2</sup>	ASTM : D 4541	1.2 - 1.4
8)	Coverage	30-35 Sq.Ft / Ltr/2 coats	15)	Scratch resistance, for 7kg loads	ASTM:D 7027-05	Passes
9)	Recoatability	12 Hrs.	16)	Salt Spray resistance	ASTM : B 117	Passes



**TECHNICAL PROPERTIES :**

S.No.	PROPERTIES	SPECIFICATIONS	RESULTS
17)	Water resistance immersion - 7 days	ASTM : D 870 - 09	Passes
18)	Chemical resistance, immersion in dilute acid alkali & salt solutions - 7 days	ASTM : C 868	Passes
19)	Resistance to micro organisms	ASTM : G 21	No growth observed
Below 20°C these timings may be increased.			

**TYPICAL APPLICATION :** Can be used as a protective waterproofing system for building roofs and anticorrosive coating for mild steel structures.

**SURFACE PREPARATION :** It is essential that RAINCARE CTE 888 is applied to clean dry substrate in order to achieve maximum adhesion between the coating and the substrate. All loose particles should be removed by brushing scraping or acid etching.

**MIXING :** RAINCARE CTE 888 is supplied in pre weighed packs which are ready to use on site. Do not add extra solvents or thinner, thorough mixing is essential.

1 Kg. = Part-I Base 750gms. + Part-II Hardener 250gms.

4 Kg. = Part-I Base 3 Kgs. + Part-II Hardener 1 Kg.

20 Kg. = Part-I Base 15 Kgs. + Part-II Hardener 5 Kgs.

80 Kg. = Part-I Base 60 Kgs. + Part-II Hardener 20 Kgs.

**CLEANING :** Tools and equipment can be cleaned immediately with solvents like xylene, acetone etc.,

**PACKING :** 1, 4, 20 & 80 Kgs.

**COVERAGE :** 1 Sqm / Kg @ 350 microns DFT

**STORAGE & SHELF LIFE :** 12 Months from the date of manufacturing  
Store at cool & dry place, away from sun heat & fire.

**HEALTHY & SAFETY PRECAUTIONS :**

- ★ Use rubber hand gloves & safety goggles, while using Armstrong's Raincare CTE 888
- ★ In case of contact with skin, wash with plenty of water. ★ Keep out of reach of childrens.
- ★ Do not smoke during application. ★ Do not inhale.

Whilst **ARMSTRONG CHEMICALS PVT. LTD.** strives to ensure that any advice, information or recommendation given are appropriate and correct. It cannot accept any liability directly or indirectly arising out of the use of products since the method and place of application of the products are beyond its control.



**Manufacturers :**  
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**MULTIPLE ACTION PERFORMANCE**

